

March 1, 2000

Claims

*Sub 1* 5

1. Biocide composition as an additive to substances susceptible to infestation by harmful organisms, containing 2-methylisothiazolin-3-one as a biocidal agent, characterized in that the biocide composition contains 3-iodo-2-propynyl-N-butylcarbamate as a further biocidal agent, with the exception of biocide compositions containing 5-chloro-2-methylisothiazolin-3-one.

10 15 20 25 30

2. Biocide composition according to claim 1, characterized in that it contains 2-methylisothiazolin-3-one and 3-iodo-2-propynyl-N-butylcarbamate in a weight ratio of (100-1) : (1-50).

3. Biocide composition according to claim 2, characterized in that it contains 2-methylisothiazolin-3-one and 3-iodo-2-propynyl-N-butylcarbamate in a weight ratio of (15-1) : (1-8).

4. Biocide composition according to any one of claims 1 through 3, characterized in that it contains 2-methylisothiazolin-3-one and 3-iodo-2-propynyl-N-butylcarbamate in a total concentration of 1 to 20% by weight, based on the total biocide composition.

*Sub 2*

5. Biocide composition according to any one of claims 1 through 4, characterized in that it contains a polar and/or a nonpolar liquid medium.

6. Biocide composition according to claim 5, characterized in that it contains as polar liquid medium water, an aliphatic alcohol having 1 to 4 carbon atoms, a glycol, a glycol ether, a glycol ester, a polyethylene glycol, a polypropylene glycol, N,N-dimethylformamide, 2,2,4-trimethylpentanediolmonoisobutyrate, or a mixture of such substances.

7. Biocide composition according to claim 6, characterized in that the polar liquid medium is water and the composition has a pH value of 6 to 8.

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*Sub B3*

*add R4*

8. Use of a biocide composition according to any one of claims 1 through 7 for combatting harmful microorganisms.